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## PATENT ABSTRACTS OF JAPAN

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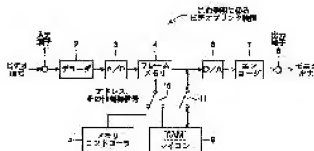
(21)Application number : **08-215832** (71) **SONY CORP**  
 (22)Date of filing : **15.08.1996** (72)Inventor : **MIYAZAKI KAZUMASA**  
**ISHII YOSHIYO**  
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## (54) VIDEO PRINTER SYSTEM

## (57)Abstract:

PROBLEM TO BE SOLVED: To enable display and print of an image with no blur in the resolution of a frame for a still section and in the resolution of a field for a moving section by performing field interpolating processing based on motion detection to an image fetched into a frame memory.

SOLUTION: A memory controller 5 writes the image data of video rate into a frame memory 4 in real time during scanning, reads out the images fetched into the frame memory 4 in real time during scanning as the image data of video rate and displays the images through a D/A converter 6 and an encoder 7 onto a monitor. A micro-computer 9 performs motion discrimination by accessing the frame memory 4 during a blanking period. The microcomputer 9 reloads the image data of moving picture elements with field interpolation data. The



microcomputer 9 generates a scanning bar display signal for visibly displaying a line, where interpolating processing is performed, and writes that signal into the frame memory 4.